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1 1. A computer network comprising:
2 one or more service computers configured to provide
3 multiple network services via the network,
4 one or more connection devices that allow multiple
5 network client computers to access the services via the
6 network, and
7 a single routing computer that serves as a firewall
8 through which all traffic between the network services and
9 the network client computers must pass.

1 2. The computer network of claim 1, wherein the
2 routing computer includes a static route table containing
3 predefined rules that govern the flow of traffic between the
4 network services and the network client computers.

1 3. The computer network of claim 1, further
2 comprising at least one other routing computer that acts as
3 a firewall through which all traffic between the computer
4 network and the network client computers must pass.

1 4. The computer network of claim 3, wherein the
2 other routing computer includes a static route table
3 containing predefined rules that govern the flow of traffic
4 between the computer network and the network client
5 computers.

1 5. The computer network of claim 1, wherein the
2 connection device is configured to allow access via a public
3 frame relay.

1 6. The computer network of claim 1, wherein the
2 connection device is configured to allow access via a PPP
3 link.

1 7. The computer network of claim 1, wherein the
2 connection device is configured to allow access via an ISDN
3 link.

1 8. The computer network of claim 1, wherein the
2 connection device is configured to allow access via the
3 Internet.

1 9. The computer network of claim 8, further
2 comprising another routing computer that acts as a firewall
3 through which all traffic between the network services and
4 the Internet must pass.

1 10. A method for use in providing network services
2 via a computer network to multiple network client computers,
3 the method comprising:

4 allowing the network client computers to access the
5 services via one or more connection devices in the network,
6 and

7 requiring all traffic between the network services
8 and the network client computers to pass through a single
9 routing computer that acts as a firewall.

1 11. The method of claim 10, wherein the routing
2 computer includes a static route table containing predefined
3 rules that govern the flow of traffic between the network
4 services and the network client computers.

1 12. The method of claim 10, further comprising
2 requiring all traffic between the computer network and the
3 network client computers to pass through at least one other
4 routing computer that acts as a firewall.

1 13. The method of claim 12, wherein the other
2 routing computer includes a static route table containing
3 predefined rules that govern the flow of traffic between the
4 computer network and the network client computers.

1 14. The method of claim 10, further comprising
2 allowing the network client computers to access the network
3 via a public frame relay.

1 15. The method of claim 10, further comprising
2 allowing the network client computers to access the network
3 via a PPP link.

1 16. The method of claim 10, further comprising
2 allowing the network client computers to access the network
3 via an ISDN link.

1 17. The method of claim 10, further comprising
2 allowing the network client computers to access the network
3 via the Internet.

1 18. The method of claim 10, further comprising
2 requiring all traffic between the network services and the
3 Internet to pass through another routing computer that acts
4 as a firewall.

1 19. A computer network comprising:
2 a service computer configured to provide a network
3 service to multiple network client computers via the
4 computer network,

5 two routing computers, each of which acts as a
6 firewall through which all traffic between the computer
7 network and one of the network client computers must pass,
8 and

9 another routing computer that acts as a firewall
10 through which all traffic between the network service and
11 the network client computers must pass.

1 20. The computer network of claim 19, further
2 comprising a static route policy that governs the flow of
3 traffic between the network services and the network client
4 computers.

1 21. The computer network of claim 20, wherein the
2 route policy comprises multiple route tables, each stored in
3 one of the routing computers.

1 22. A method for use in providing a network service
2 to multiple network client computers via a computer network,
3 the method comprising:

4 requiring all traffic between the computer network
5 and each of the network client computers to pass through one
6 of two routing computers that act as firewalls, and

7 requiring all traffic between the network service
8 and the network client computers to pass through another
9 routing computer that acts as a firewall.

1 23. The method of claim 22, further comprising
2 applying a static route policy to govern the flow of traffic
3 between the network services and the network client
4 computers.

1 24. The method of claim 23, further comprising
2 distributing the route policy among multiple route tables,
3 each stored in one of the routing computers.

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